



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Huazhou Lou

Appln. No. : 10/631,919

Filed : July 31, 2003

Title : DYNAMIC MEASUREMENT OF HEAD
MEDIA SPACING MODULATION

Docket No. : I69.12-0592

Group Art Unit: 2651

Examiner: Tzeng, Fred

EXPRESS MAIL COVER SHEET

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SENT VIA EXPRESS MAIL
Express Mail No.: EV 655621487 US

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and
Trademark Office on the date shown below:

1. Amendment;
2. Fee Transmittal (in duplicate); and
3. Return receipt postcard.

Respectfully submitted,

KINNEY & LANGE, P.A.

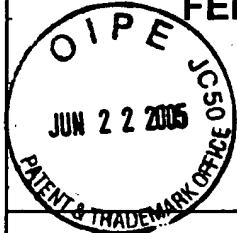
Date: 6/22/05

By 

Dina M. Khaled, Reg. No. 52,761
THE KINNEY & LANGE BUILDING
312 South Third Street
Minneapolis, MN 55415-1002
Telephone: (612) 339-1863
Fax: (612) 339-6580

DMK:bmg

FEE TRANSMITTAL



Total Amount of Payment \$0.00

METHOD OF PAYMENT (Check One)

1. The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed.

2. Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Appn. Type	FILING FEE		SEARCH FEES		EXAM FEES	
	Fee/Small	Fee/Small	Fee/Small	Fee/Small	Fee	Fee
PD.						
Utility	300 / 150	500 / 250	200 / 100	—		
Design	200 / 100	100 / 50	130 / 65	—		
Reissue	300 / 150	500 / 250	600 / 300	—		
Provisional	200 / 100	-0- / -0-	-0- / -0-	—		
					Subtotal (1) \$0.00	

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Fee Paid Below	
Total	<u>20</u>	<u>-</u>	<u>20</u>	<u>0</u> x <u>*</u> = <u>*</u>	
Indep.	<u>3</u>	<u>-</u>	<u>3</u>	<u>0</u> x <u>*</u> = <u>*</u>	
Multiple Dependent Claims				<u>*</u> = <u>*</u>	

**Insert 3 and 20, or number previously paid if greater; Reissue see below

	Large Entity Fee Code	Small Entity Fee Code	Description
1202	50	2202	25
1201	200	2201	100
			Claims in excess of 20
			Independent claims in excess of 3
1203	360	2203	180
1204	200	2204	100
			Multiple Dependent Claim
			Reissue Independent Claims
			Over Original Patent
1205	50	2205	25
			Reissue claims in excess of 20
			and over original patent

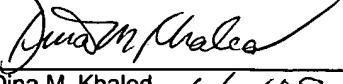
3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 small) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 C.F.R. 1.16(s). \$0.00

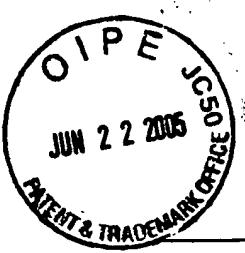
Subtotal (2) \$0.00

Complete if Known			
Application No.			10/631,919
Filing Date			July 31, 2003
First Named Inventor			Huazhou Lou
Group Art Unit			2651
Examiner Name			Tzeng, Fred
Atty. Docket Number			I69.12-0592

FEE CALCULATION (Continued)					
3. ADDITIONAL FEES					
Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	*
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	*
1053	130	1053	130	Non-English specification	*
1812	2,520	1812	2,520	For Filing a Request for Reexamination	*
1251	120	2251	60	Extension for reply within first month	*
1252	450	2252	225	Extension for reply within second month	*
1253	1,020	2253	510	Extension for reply within third month	*
1254	1,590	2254	795	Extension for reply within fourth month	*
1255	2,160	2255	1,080	Extension for reply within fifth month	*
1402	500	2402	250	Filing a brief in support of an appeal	*
1403	1,000	2403	500	Request for oral hearing	*
1814	130	2814	65	Terminal Disclaimer Fee	*
1452	500	2452	250	Petition to revive - unavoidable	*
1453	1,500	2453	750	Petition to revive - unintentional	*
1501	1,400	2501	700	Utility/Reissue issue fee	*
1502	800	2502	400	Design issue fee	*
1460	130	1460	130	Petitions to the Commissioner	*
1807	50	1807	50	Petitions related to provisional applications	*
1806	180	1806	180	Submission of Information Disclosure Statement	*
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	*
1801	790	2801	395	Request for Continued Examination (RCE)	*
Other fee (specify) _____					*
					Subtotal (3) \$0.00

Signature 
Dina M. Khaled Reg. No. 52,761

Date 6/24/05 Deposit Account No. 11-0982



06-23-05

IFW

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AMENDMENT

Mail Stop Amendment
Commissioner For Patents
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INTRODUCTION

This is in response to the Office Action mailed on March 22, 2005. Please amend the above-identified application as follows: